

Photography I

Career Cluster	Arts, A/V Technology, Communications
Course Code	11054
Prerequisite(s)	None
Credit	.5
Program of Study and Sequence	Introduction to Arts, A/V Technology and Communication – Level 1 pathway course – Photography I – Photography II
Student Organization	Skills USA
Coordinating Work-Based Learning	None
Industry Certifications	Working toward ACA certification in Adobe Photoshop
Dual Credit or Dual Enrollment	None
Teacher Certification	Arts AV Technology & Communications Cluster Endorsement; Visual Arts Pathway Endorsement; *Multimedia
Resources	

Course Description:

In Photography I, students will be able to apply principles of visual literacy to produce visual content. This gives students an advantage in today's global, multimedia society. Students will be taught industry-relevant technical skills and have the opportunity to work with a variety of technology, including digital cameras, design software, and editing tools to stage, shoot, process, print, and present professional-grade images. Students will evaluate and critique photographic work and investigate the history of photography.

Program of Study Application

Photography I is a Level 2 pathway course in the Arts, A/V Technology and Communications cluster, Printing Technology/Journalism & Broadcasting; Telecommunications/A-V Technology and Film; and Visual Arts pathways. Photography I would be preceded by a level I course. Completion of Photography I would prepare a student to successfully participate in Photography II.

Course Standards

P1-1: Explore opportunities in photographic arts

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Level 2 Skill/Concept	P1-1.1 Summarize career opportunities in the area of photography and photojournalism Examples: <ul style="list-style-type: none">• Research opportunities for employment in photography• Interview a professional working in the area of photography• Research the requirements, skills, wages, education, and geographic opportunities in the area of photography	

Notes

P1-2: Examine fundamentals related to photographic arts

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Level 2 Skill/Concept	P1-2.1 Classify digital cameras and accessories for intended use Examples: <ul style="list-style-type: none">• Identify the advantages and disadvantages of different types of digital cameras (cell phone, point and shoot, mirrorless, DSLR)• Compare digital camera features for personal use vs. professional use• Analyze the appropriateness and usability of a specific digital camera and accessories for a given situation	
Level 4 Extended Thinking	P1-2.2 Implement digital darkroom management Examples: <ul style="list-style-type: none">• Research types of storage devices for digital images• Compare different types of image file formats• Explain the transfer of images from one device (digital camera) to another device (computer)• Research the use of color management systems for color consistency and predictability	
Level 2 Skill/Concept	P1-2.3 Differentiate legal and copyright issues related to photography and photojournalism Examples: <ul style="list-style-type: none">• Complete a web quest on legal issues related to photographic arts• Research instructions and forms for registration of photographic arts with copyright office• Explore release forms necessary for commercial photography	

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P1-3: Analyze camera operations

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Level 2 Skill/Concept	<p>P1-3.1 Implement appropriate care, maintenance, and safety related to the operation of a digital camera</p> <p>Examples:</p> <ul style="list-style-type: none"> • Demonstrate appropriate care instructions when cleaning a digital camera • Demonstrate proper storage and care for digital camera • Demonstrate appropriate maintenance of digital camera 	
Level 4 Extended Thinking	<p>P1-3.2 Analyze the effect of exposure on the quality of photographs</p> <p>Examples:</p> <ul style="list-style-type: none"> • Differentiate the effect of different shutter speeds on the quality of a photograph by taking photographs using different shutter speeds • Differentiate the effect of different aperture settings on the quality of a photograph by taking photographs using different aperture settings • Demonstrate the concept of bracketing for determining the best exposure for photographs by taking three photographs using different exposure settings. 	
Level 4 Extended Thinking	<p>P1-3.3 Analyze how techniques impact the quality of photographs</p> <p>Examples:</p> <ul style="list-style-type: none"> • Illustrate shallow depth of field and maximum depth of field by taking photographs to illustrate each • Compare the effect of different camera settings on photographing subject movement • Differentiate between the use of normal, long, and short focal length on the quality of photographs by taking a photograph of the same subject using each focal length • Compare the effect of using flash vs. not using flash for photographing subjects in different lighting situations 	

Notes

P1-4: Evaluate photographs for effective composition

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Level 4 Extended Thinking	P1-4.1 Critique photographs for effective use of the elements of composition Examples: <ul style="list-style-type: none">• Develop a checklist for assessing the elements of composition in a photograph• Create a portfolio of photographs that illustrates each of the elements of composition• Analyze peer photographs for the use of the elements of composition	
Level 3 Strategic Thinking	P1-4.2 Check light and color to produce effective photographs Examples: <ul style="list-style-type: none">• Illustrate the effect of the time of day on the lighting in your photograph• Compare the effect of different types of directional lighting when taking a photograph• Illustrate the effect of different types of directional lighting on a subject	

Notes

P1-5: Create artistic photographs

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Level 2 Skills/Concept	<p>P1-5.1 Implement the use of image editing software for manipulation of photographs</p> <p>Examples:</p> <ul style="list-style-type: none"> • Demonstrate the use of basic image editing tools (select, cut, copy, paste, crop) • Compare and contrast the use of the Variations, Levels, and Curves tools for color adjustment of an image • Compare and contrast the use of the Hue/Saturation and Brightness/Contrast tools for color adjustment of an image • Select the appropriate color adjustment tools to improve image quality of specific images • Differentiate between the use of the Brush tool and History Brush tool for artistic expression in the enhancement of images • Demonstrate the use of the eraser tools in artistic enhancement of images • Select appropriate image editing tools for the artistic enhancement of specific images 	
Level 4 Extended Thinking	<p>P1-5.2 Produce photographs for visual display</p> <p>Examples:</p> <ul style="list-style-type: none"> • Compare the effect of resolution on the quality of photographs by taking photographs at different resolution settings • Calculate the appropriate size of image for a specific use • Demonstrate mounting photographic images • Create a showcase of photographic arts work • Create a portfolio of photographs that illustrates each of the elements of composition 	

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